



GALL 1819

PATENT

ATTORNEY DOCKET NO. 07334/004002

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Andrew W. Shyjan  
Serial No.: 08/862,442

Filed : May 23, 1997

Title : COMPOSITIONS AND METHODS FOR THE DIAGNOSIS,  
PREVENTION AND TREATMENT OF TUMOR PROGRESSION *RECEIVED*Art Unit:  
Examiner:#6 JR  
02/05/98

Assistant Commissioner for Patents  
Washington, DC 20231

JAN 29 1998

INFORMATION DISCLOSURE STATEMENT

GROUP 1000

Applicant submits the references listed on the attached form PTO 1449. Under 35 USC 120, this application relies on the earlier filing date of application serial number 08/623,679, filed on March 29, 1996, which is a continuation-in-part of application serial number 08/412,431, filed March 29, 1995. The following references were submitted to and/or cited by the Office in the prior application and, therefore, are not provided in this application. This statement is being filed before a first office action on the merits.

Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 22 JAN 1998  
Anita L. Meiklejohn, Ph.D.  
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Date of Deposit January 22, 1998  
I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

SUBSTITUTE FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
07334/004002SERIAL NO.  
08/862,442JAN 26 1998  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use several sheets if necessary)APPLICANT  
Andrew W. ShyjanFILING DATE  
May 23, 1997

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U.S. PATENT DOCUMENTS												
EXAMINER INITIAL		PATENT NUMBER				ISSUE DATE	PATENTEE		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA	5	2	6	2	3	2	1	11/16/93	Livingston et al.	435	RECEIVED 240-2
	AB	5	4	5	7	0	4	9	10/10/95	Giordano	435	JAN 29 1998
	AC	5	4	7	0	9	7	0	11/28/95	Sager et al.	536	23.5
	AD	5	4	9	1	0	6	4	02/13/96	Lichy et al.	435	GROUP 1800
	AE	5	4	9	6	7	3	1	03/05/96	Xu et al.	435	320.1

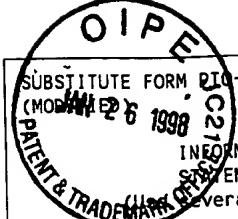
## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	AF		Fidler, I.J., 1973, "Selection of Successive Tumor Lines for Metastasis," <i>Nature New Biol.</i> <u>242</u> :148-149.
	AG		Fodde, R., et al., 1994, "A targeted chain-termination mutation in the mouse <i>Apc</i> gene results in multiple intestinal tumors," <i>Proc. Natl. Acad. Sci. USA</i> <u>91</u> :8969-8973.

EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

U.S. DEPARTMENT OF COMMERCE  
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(Use several sheets if necessary)

(37 CFR 1.98(b))

APPLICANT  
Andrew W. ShyjanFILING DATE  
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## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	BA	Hodgkinson, C.A., et al., 1993, "Mutations at the Mouse Microphthalmia Locus Are Associated with Defects in a Gene Encoding a Novel Basic-Helix-Loop-Helix-Zipper Protein," <i>Cell</i> <u>74</u> :395-404.
		Karmali, R.A., et al., 1993, "Prostaglandins in breast cancer: Relationship to disease stage and hormone status," <i>Br. J. Cancer</i> <u>68</u> :689-696.
	BC	Karmali, R.A., et al., 1987, "The Effects of Dietary $\omega$ -3 Fatty Acids on the DU-145 Transplantable Human Prostatic Tumor," <i>Anticancer Res.</i> <u>7</u> :1173-1180.
		Kozlowski, J.M., et al., 1984, "Metastatic Behavior of Human Tumor Cell Lines Grown in the Nude Mouse," <i>Cancer Research</i> <u>44</u> :3522-3529.
	BE	Leder, A., et al., 1986, "Consequences of widespread deregulation of the C-MYC gene in transgenic mice: multiple neoplasms and normal development," <i>Cell</i> <u>45</u> :485-495.
		Leone, A., et al., 1991, "Reduced Tumor Incidence, Metastatic Potential, and Cytokine Responsiveness of nm23-Transfected Melanoma Cells," <i>65</i> :25-35.
	BG	Liotta, L.A., et al., 1991, "Cancer metastasis and angiogenesis: an imbalance of positive and negative regulation," <i>Cell</i> <u>64</u> :327.
		Mintz, B., and Silvers, W.K., 1993, "Transgenic mouse model of malignant skin melanoma," <i>Proc. Natl. Acad. Sci. USA</i> <u>90</u> :8817-8821.
	BH	Morikawa K., et al., 1988, "In Vivo Selection of Highly Metastatic Cells from Surgical Specimens of Different Primary Human Colon Carcinomas Implanted into Nude Mice," <i>Cancer Research</i> <u>48</u> :1943-1948.
		Qian, F., et al., 1994, "Expression of the Integrin $\alpha 4\beta 1$ on Melanoma Cells Can Inhibit the Invasive Stage of Metastasis Formation," <i>Cell</i> <u>77</u> :335-347.
	BI	Rose, D.P., et al., 1993, "Effects of Dietary Omega-3 Fatty Acids on Human Breast Cancer Growth and Metastases in Nude Mice," <i>J. Natl. Cancer Inst.</i> <u>85</u> :1743-1747.
		Schrier, P.I., et al., 1983, Expression of Class 1 major histocompatibility antigens switched off by highly oncogenic adenovirus 12 in transformed rat cells," <i>Nature</i> <u>305</u> :771.
	BL	Steeg, P.S., et al., 1988, "Evidence for a Novel Gene Associated With Low Tumor Metastatic Potential," <i>J. Natl. Cancer Inst.</i> <u>80</u> :200-204.
EXAMINER		DATE CONSIDERED

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SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 07334/004002	SERIAL NO. 08/862,442
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)  (37 CFR 1.98(b))		APPLICANT Andrew W. Shyjan	
		FILING DATE May 23, 1997	GROUP



## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

CA	Tanaka et al., "Construction of a Human Cytochrome c Gene and Its Functional Expression in <i>Saccharomyces cerevisiae</i> ", <i>J. Biochem.</i> , <u>103</u> :954-961 (1988).
CB	Van der Bruggen, P., et al., 1991, "A Gene Encoding an Antigen Recognized by Cytolytic T Lymphocytes on a Human Melanoma," <i>Science</i> <u>254</u> :1643-1667.
CC	Vogelstein, B., and Kinzler, K.W., 1993, "The Multistep Nature of Cancer," <i>Trends Genet.</i> <u>9</u> :138-141.
CD	Watts C.K., et al., 1994, "Antiestrogen regulation of cell cycle progression and cyclin D1 gene expression in MCF-7 human breast cancer cells," <i>Breast Cancer Res. Treat.</i> <u>31</u> :95-105.
CE	Wilson et al., "2.2 Mb of contiguous nucleotide sequence from chromosome III of <i>C. elegans</i> ", <i>Nature</i> , <u>368</u> :32-38 (1994).
CF	Zou, Z., et al., 1994, "Maspin, A Serpin with Tumor-Suppressing Activity in Human Mammary Epithelial Cells," <i>Science</i> <u>263</u> :526-529.

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